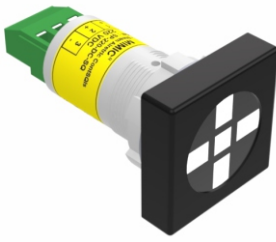


**MIMIC****Semaphore indicator Ø22.5mm Square****Brand :- MIMIC****Model : MIMIC-SP-22-SQ****Salient Features**

1. Voltage: **24V, 110V, 125, 220, 250 VDC**
2. Mounting : **Panel mounting**
3. Body : **PBT Fire retardent**
4. 100 % **Made in India product.**
5. Model name :- **MIMIC-SP-22-SQ**
6. Indoor duty :- **IP 52**
7. LED Based having long life, **50000 hours**
8. Cutout size:- **Ø22.5mm**

**Technical Specification**

- ◆ Insulation voltage:- AC, DC 1000V
- ◆ Operational Voltage:- 24V,110V,125,220,250VDC
- ◆ Voltage Fluctuation Range :-  $\pm 15\%$
- ◆ Rated Operational Current :- 11mA max
- ◆ Insulation Resistance :- 1000m $\Omega$  over
- ◆ Impulse Withstand Voltage :- +4500V, 3Times For Each Pole(1.2/50 $\mu$ s)
- ◆ Shock Resistance :- 490m/s<sup>2</sup>
- ◆ Durability :- Over 10000 cycles
- ◆ Degree Of Protection :- IP52
- ◆ Operating Temperature :- -20 to 60° c
- ◆ Storage Temperature :- -30 to 75° c
- ◆ Relative Humidity :- 45 to 85 %
- ◆ Altitude :- Max 2000m
- ◆ Compatible Copper Conductor :- AWG 20 to14
- ◆ Mounting Plate Thickness :- 1 to 6 mm
- ◆ Confirming to Standard :- IEC 60947-5-1  
IEC 60947-1

**Ordering Code :-**

| Sr. No. | Code :-               | Details :-                                                         |
|---------|-----------------------|--------------------------------------------------------------------|
| S6      | MIMIC-SP-22-24-DC-SQ  | MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 24 VDC - Square  |
| S7      | MIMIC-SP-22-110-DC-SQ | MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 110 VDC - Square |
| S8      | MIMIC-SP-22-125-DC-SQ | MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 125 VDC - Square |
| S9      | MIMIC-SP-22-220-DC-SQ | MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 220 VDC - Square |
| S10     | MIMIC-SP-22-250-DC-SQ | MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 250 VDC - Square |



Certificate of conformity is awarded to  
**Steam Airetric controls**  
 In recognition of the organization's compliance to relevant  
 clauses of Low Voltage Directive 2014/35/EU and in  
 conformity with the harmonized standards

**EN 60947-5-1:2017**

for the product

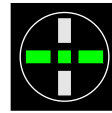
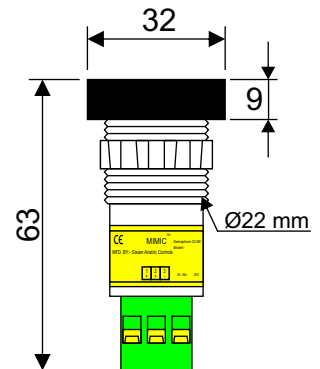
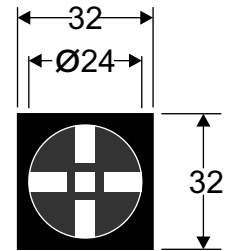
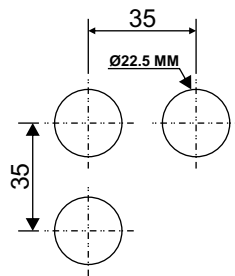
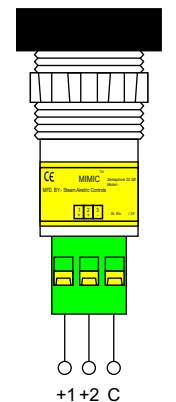
**Indicator Light**

(Semaphore Round 22mm Diameter, Semaphore Square  
 22mm Diameter, Semaphore Indicator 30.5mm Diameter,  
 Semaphore Indicator 32mm Diameter, Semaphore Indicator 42mm  
 Diameter, Semaphore Indicator 72mm Diameter)

**Certificate number** CE/IN/006  
**Report No./TCF Reference** SAC/CE/TCF  
**Date of issue** 31 st May, 2018

**Applications:-**

- Used in situations that require visual simulation of the circuit or operating state of a device & indication of the fault position in addition to the 'ON' & 'OFF' positions.
- Suitable for monitoring power breakers & disconnectors in complex transformers substations which are represented in form of mimic diagrams of relatively small dimensions.
- Suitable for automatic status indication of isolators, earth switches, circuit breakers & PT ON/OFF etc. on 'MIMIC' diagrams.

**Circuit Breaker close****Circuit Breaker open****Panel cutout Dimensions****Connection diagram**

+1 +2 C  
 +1 : Red Vertical  
 +2 : Green Horizontal  
 C : Common

**Steam Airetric Controls**

Plot No A/34, Additional Ambarnath MIDC, Anand Nagar,  
 Ambarnath(East), Dist. Thane,  
 Maharashtra, India, 421506

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**9321153191**